

Table 4a. Estimated vaccination coverage with individual vaccines among children by 13 months of age by census division and state - United States, National Immunization Survey, 1998*

Region & State	≥ 3 DTP/DT [†] % (95%CI ^{§§})	≥ 2 Poliovirus [§] % (95%CI)	≥ 1 MCV [¶] % (95%CI)	≥ 3 Hib ^{**} % (95%CI)	≥ 2 Hepatitis B ^{††} % (95%CI)
National	90.0 (±0.7)	93.6 (±0.6)	36.5 (±1.0)	87.4 (±0.7)	92.6 (±0.6)
East North Central	89.3 (±1.6)	93.4 (±1.3)	29.4 (±2.2)	87.0 (±1.7)	92.9 (±1.3)
Illinois	90.1 (±3.7)	93.6 (±2.7)	33.8 (±4.8)	86.8 (±3.9)	92.9 (±2.4)
Indiana	89.9 (±3.6)	92.6 (±3.1)	22.7 (±4.3)	86.6 (±4.0)	91.7 (±3.3)
Michigan	87.1 (±3.7)	93.4 (±2.8)	28.8 (±4.8)	84.8 (±3.9)	93.1 (±2.9)
Ohio	90.5 (±2.8)	93.2 (±2.3)	26.0 (±4.4)	89.5 (±2.9)	93.4 (±2.5)
Wisconsin	88.5 (±3.1)	94.1 (±2.3)	35.1 (±4.5)	86.4 (±3.3)	92.8 (±2.4)
East South Central	91.8 (±1.5)	94.9 (±1.2)	31.5 (±2.5)	89.0 (±1.7)	94.0 (±1.3)
Alabama	95.9 (±2.1)	95.4 (±2.3)	47.4 (±5.5)	92.8 (±2.8)	94.9 (±2.1)
Kentucky	90.9 (±3.7)	94.2 (±2.9)	16.9 (±4.6)	88.3 (±4.1)	93.1 (±3.3)
Mississippi	89.7 (±4.0)	94.2 (±3.4)	35.8 (±5.9)	88.0 (±4.2)	94.7 (±3.0)
Tennessee	90.2 (±2.6)	95.4 (±1.7)	25.9 (±4.0)	87.0 (±3.1)	93.6 (±2.1)
Middle Atlantic	92.6 (±1.8)	95.9 (±1.3)	33.4 (±3.1)	89.7 (±2.1)	93.3 (±1.8)
New Jersey	91.5 (±4.3)	97.6 (±2.0)	30.4 (±7.2)	87.4 (±5.3)	93.5 (±3.6)
New York	92.0 (±2.9)	94.9 (±2.3)	40.8 (±4.7)	89.5 (±3.2)	92.3 (±3.0)
Pennsylvania	94.6 (±2.3)	96.5 (±1.8)	22.6 (±4.1)	91.9 (±2.6)	94.8 (±2.3)
Mountain	87.2 (±1.7)	92.4 (±1.3)	35.6 (±2.3)	84.1 (±1.9)	90.9 (±1.5)

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Arizona	86.7 (±3.7)	92.7 (±2.6)	35.5 (±4.7)	82.3 (±4.1)	92.0 (±2.8)
Colorado	91.4 (±3.7)	94.1 (±3.2)	33.5 (±6.1)	88.5 (±4.3)	90.6 (±3.9)
Idaho	81.0 (±4.7)	90.7 (±3.3)	26.9 (±5.1)	80.4 (±4.7)	90.2 (±3.4)
Montana	88.8 (±3.8)	93.2 (±3.0)	20.4 (±4.7)	87.1 (±4.0)	92.8 (±3.1)
New Mexico	88.2 (±4.8)	91.1 (±4.1)	41.4 (±6.6)	85.6 (±5.0)	91.8 (±3.8)
Nevada	86.6 (±4.8)	90.1 (±4.4)	34.8 (±6.2)	82.9 (±5.2)	88.3 (±4.8)
Utah	84.4 (±4.5)	92.4 (±3.2)	44.4 (±6.2)	81.7 (±4.8)	90.1 (±3.6)
Wyoming	88.4 (±4.1)	94.1 (±2.7)	31.1 (±5.5)	87.0 (±4.3)	92.8 (±2.9)
New England	96.3 (±1.1)	96.0 (±1.2)	29.7 (±2.8)	94.3 (±1.6)	95.7 (±1.1)
Connecticut	97.5 (±1.9)	96.2 (±2.4)	34.1 (±6.1)	96.7 (±2.1)	96.8 (±2.3)
Massachusetts	96.3 (±1.9)	96.0 (±2.0)	23.6 (±4.6)	94.3 (±3.1)	96.5 (±1.9)
Maine	96.2 (±2.3)	98.0 (±1.5)	31.8 (±5.5)	92.4 (±3.2)	93.1 (±2.9)
New Hampshire	93.7 (±3.0)	94.9 (±2.8)	32.9 (±5.6)	89.7 (±3.8)	93.6 (±3.0)
Rhode Island	95.3 (±2.5)	95.3 (±2.5)	38.0 (±6.0)	93.1 (±3.0)	93.7 (±3.0)
Vermont	96.4 (±2.5)	94.9 (±3.0)	43.8 (±6.1)	94.8 (±2.8)	94.4 (±2.7)
Pacific	88.1 (±2.3)	91.4 (±2.0)	42.8 (±3.3)	84.8 (±2.6)	91.3 (±1.8)
Alaska	90.6 (±3.5)	94.0 (±2.9)	25.6 (±5.4)	82.2 (±4.8)	93.6 (±3.1)

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California	88.2 (±2.9)	90.7 (±2.6)	45.6 (±4.2)	84.6 (±3.2)	90.8 (±2.3)
Hawaii	89.4 (±4.2)	94.8 (±3.0)	64.9 (±5.9)	85.8 (±4.6)	92.1 (±3.7)
Oregon	83.5 (±4.6)	91.5 (±3.4)	26.2 (±5.4)	83.0 (±4.7)	90.4 (±3.6)
Washington	89.4 (±3.0)	95.0 (±2.0)	29.6 (±4.3)	87.5 (±3.2)	94.7 (±2.0)
South Atlantic	91.8 (±1.3)	94.4 (±1.1)	35.9 (±2.2)	89.1 (±1.5)	93.6 (±1.2)
District of Columbia	85.0 (±5.2)	92.5 (±3.8)	25.9 (±5.8)	81.6 (±5.5)	92.0 (±3.8)
Delaware	88.5 (±4.2)	90.4 (±3.8)	34.0 (±6.1)	85.6 (±4.6)	89.9 (±4.2)
Florida	91.0 (±3.2)	93.8 (±2.7)	40.4 (±5.1)	87.6 (±3.6)	92.9 (±2.6)
Georgia	91.7 (±2.9)	94.3 (±2.2)	30.2 (±4.7)	89.4 (±3.2)	93.8 (±2.3)
Maryland	90.3 (±3.6)	92.6 (±3.4)	29.5 (±4.8)	87.2 (±4.1)	91.6 (±3.5)
North Carolina	92.3 (±3.2)	95.2 (±2.6)	48.8 (±6.2)	91.1 (±3.3)	94.6 (±2.9)
South Carolina	94.1 (±2.8)	97.5 (±1.7)	33.5 (±6.0)	92.7 (±3.1)	97.8 (±1.6)
Virginia	93.6 (±3.0)	95.1 (±2.6)	28.9 (±5.8)	90.3 (±3.7)	93.4 (±3.3)
West Virginia	93.2 (±3.2)	93.6 (±3.1)	26.1 (±5.1)	89.9 (±4.3)	94.9 (±3.0)
West North Central	91.0 (±1.7)	94.5 (±1.2)	30.2 (±2.7)	87.9 (±1.9)	92.7 (±1.4)
Iowa	92.6 (±3.1)	94.7 (±2.7)	25.7 (±4.9)	89.0 (±3.7)	92.0 (±3.2)
Kansas	87.9 (±4.2)	93.8 (±3.2)	32.6 (±6.0)	83.2 (±4.9)	91.5 (±4.0)

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Minnesota	92.1 (±3.4)	93.0 (±3.1)	24.3 (±5.2)	89.1 (±4.1)	91.7 (±3.2)
Missouri	91.6 (±4.1)	97.4 (±1.8)	42.2 (±6.8)	90.0 (±4.3)	95.7 (±2.8)
North Dakota	89.7 (±3.7)	91.4 (±3.6)	21.2 (±4.8)	88.7 (±3.9)	93.3 (±3.1)
Nebraska	90.8 (±3.5)	92.5 (±3.2)	18.2 (±4.5)	86.0 (±4.1)	90.4 (±3.4)
South Dakota	86.5 (±5.0)	92.1 (±3.7)	25.2 (±5.3)	82.7 (±5.5)	89.3 (±4.1)
West South Central	86.1 (±2.2)	92.0 (±1.8)	49.7 (±3.2)	84.5 (±2.2)	91.2 (±1.7)
Arkansas	84.5 (±4.3)	92.7 (±3.3)	29.2 (±5.4)	82.6 (±4.5)	93.7 (±2.9)
Louisiana	89.2 (±3.8)	95.5 (±2.4)	41.2 (±5.8)	88.1 (±3.9)	90.6 (±3.5)
Oklahoma	82.4 (±5.9)	91.5 (±4.4)	30.7 (±6.4)	78.5 (±6.1)	88.3 (±4.9)
Texas	86.2 (±2.9)	91.4 (±2.4)	56.3 (±4.3)	84.9 (±3.0)	91.4 (±2.3)

* Children in this period were born between February 1995 and May 1997.

† Three or more doses of diphtheria and tetanus toxoids and pertussis vaccine/diphtheria and tetanus toxoids (DTP/DT).

§ Two or more doses of poliovirus vaccine.

¶ One or more doses of measles-containing vaccine.

** Three or more doses of *Haemophilus influenzae* type b (Hib) vaccine

†† Two or more doses of hepatitis B vaccine.

§§ Confidence interval.